

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

METHOD AND SYSTEM FOR FACIAL RECOGNITION
BIOMETRICS ON A SMARTCARD

Application Number :

1070331

Confirmation Number:

First Named Applicant:

David Bonalle

Attorney Docket Number:

70655.1700

Art Unit:

2876

Examiner:

Wahk

Search string:

(5835894 or 6012039 or 6012636 or 6269348 or 6483929 or 6519565 or 6662166
or 6669086 or 6681328 or 20020111917 or 20020154795 or 20020174067 or
20030167207 or 20040020982),pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

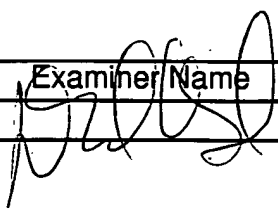
| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|-------------------|------|-------|----------|
| W | 1 | 5835894 | 1998-11-10 | Adcock, et al. | | | |
| | 2 | 6012039 | 2000-01-04 | Hoffman, et al. | | | |
| | 3 | 6012636 | 2000-01-11 | Smith | | | |
| | 4 | 6269348 | 2001-07-31 | Pare, Jr., et al. | | | |
| | 5 | 6483929 | 2002-11-19 | Murakami, et al. | | | |
| | 6 | 6519565 | 2003-02-11 | Clements, et al. | | | |
| | 7 | 6662166 | 2003-12-09 | Pare, Jr., et al. | | | |
| | 8 | 6669086 | 2003-12-30 | Abdi, et al. | | | |
| | 9 | 6681328 | 2004-01-20 | Harris, et al. | | | |

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| init | Cite.No. | Pub. No. | Date | Applicant | Kind | Class | Subclass |
|------|----------|-------------|------------|-----------------|------|-------|----------|
| W | 1 | 20020111917 | 2002-08-15 | Hoffman, et al. | | | |
| | 2 | 20020154795 | 2002-10-24 | Lee, et al. | | | |
| | 3 | 20020174067 | 2002-11-21 | Hoffman, et al. | | | |
| | 4 | 20030167207 | 2003-09-04 | Berardi, et al. | | | |
| | 5 | 20040020982 | 2004-02-05 | Hoffman, et al. | | | |

Signature

| | |
|---|---------|
| Examiner Name | Date |
|  | 7-20-05 |

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/710,311 |
| Filing Date | July 1, 2004 |
| First Named Inventor | David S. Bonalle |
| Art Unit | TBA 2876 |
| Examiner Name | TBA Walsh |
| Attorney Docket Number | 70655.1700 |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No.† | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |
|--------------------|-----------|--|----|
| DW | | "Biometrics: Speaker Verification", by Kulkarni, et al., http://biometrics.csc.msu.edu/speaker.html , 03/08/2004, 5 pages | |
| | | "Judge Dismisses FTC Suit Against Rambus", Evers, IDG New Service, http://www.infoworld.com/article/04/02/18/HNjudgedismisses_1.html , 02/18/2004, 3 pages | |
| | | "Credit on Your Key Ring, Buy Gas at Mobil, Exxon and Soon Burgers at McDonald's", by Krakow, MSNBC, http://www.msnbc.msn.com/id/3072638 , 02/17/2004, 4 pages | |
| | | "The Evolution of Mobile Payment", by McPherson, Financial Insights, 02/02/04, http://www.banktech.com/story/mews/showArticle/jhtml?articleID=17601432 , 2 pages | |
| | | "RFID Take Priority With Wal-Mart", by DocMemory, http://www.simmtester.com/page/news/shownews.asp?num=6550 , 02/09/2004, 2 pages | |
| | | "Microsoft, IBM and Phillips Test RFID Technology", by Rohde, IDG New Service, http://www.computerweekly.com/Article127889.htm , 02/09/2004, 3 pages | |
| | | "Pay By Touch Press Releases", http://www.paybytouch.com/press.html , 02/10/2004, 3 pages | |
| | | "PowerPay RFID Payment and Marketing Solution Speeds Purchases at Seahawks Stadium with Technology from Texas Instruments", http://www.powerpayit.com/news/Seahawks_pr.html , 02/09/2004, 2 pages | |
| | | "Putting Their Finger on It", by Wilson, http://sanfrancisco.bizjournals.com/sanfrancisco/stories/2003/10/20/story6.html?t=printable , 02/09/2004, 2 pages | |
| | | "TI Embraces Prox Card Standard", by Roberti, 03/06/2003, http://www.ti.com/tiris/docs/in-the-news/2003/3-6-03.shtml , 2 pages | |
| | | "Paying It By Ear", The Guardian, 01/18/2003, http://money.guardian.co.uk/creditanddebt/creditcards/story/0,1456,876908,00.html , 3 pages | |

Examiner Signature

Date

Considered

7-21-08

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† Applicant's unique citation designation number (optional). ‡ Applicant is to place a check mark here if English language Translation is attached.
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| Substitute for form 1449B/PTO | | Complete if Known | | | |
| | | Application Number | 10/710,311 | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Filing Date | July 1, 2004 | | |
| | | First Named Inventor | David S. Bonalle | | |
| | | Art Unit | TBA 2816 | | |
| | | Examiner Name | TBA Walsh | | |
| Sheet | 2 | of | 5 | Attorney Docket Number | 70655.1700 |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | | |
|--|--------------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| DL | | Pay By Touch - Company, http://www.paybytouch.com/company.html | |
| | | "Identix Inc. - Empowering Identification™ - Understanding Biometrics", http://www.identix.com/newsroom/news_biometrics_face.html , 1 page | |
| | | "International Biometric Group - Signature Biometrics: How It Works", http://www.ibgweb.com/reports/public/reports/signature-scan_tech.html , 02/18/2004, 1 page | |
| | | "International Biometric Group - Voice Recognition Technology: How It Works", http://www.ibgweb.com/reports/public/reports/voice-scan_tech.html , 02/18/2004, 1 page | |
| | | "The Henry Classification System", International Biometric Group, 7 pages | |
| | | "Individual Biometrics - Hand Geometry", http://ctl.ncsc.dni.us/biomet%20web/BMHand.html , 02/18/04, 2 pages | |
| | | "Individual Biometrics - Retinal Scan", http://ctl.ncsc.dni.us/biomet%20web/BMRetinal.html , 2/18/04, 2 pages | |
| | | "Individual Biometrics - Iris Scan", http://ctl.ncsc.dni.us/biomet%20web/BMIris.html , 2/18/04, 2 pages | |
| | | "Individual Biometrics - Vascular Patterns", http://ctl.ncsc.dni.us/biomet%20web/BMVascular.html , 02/18/04, 1 page | |
| | | "Individual Biometrics - Fingerprint", http://ctl.ncsc.dni.us/biomet%20web/BMFingerprint.html , 2/18/04, 3 pages | |
| | | "Fingerprint Technology - Identix Inc. - Empowering Identification™ - Understanding Biometrics", http://www.identix.com/newsroom/news_biometrics_finger.html , 2/18/04, 1 page | |

| | | | |
|-----------------------|---|--------------------|---------|
| Examiner Signature |  | Date Considered | 7-21-05 |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | 10/710,311 |
| | | Filing Date | July 1, 2004 |
| | | First Named Inventor | David S. Bonalle |
| | | Art Unit | TBA 2866 |
| | | Examiner Name | TBA [Signature] |
| Sheet 3 of 3 | Attorney Docket Number | 70655.1700 | |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | | |
|--|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| [Signature] | | "Individual Biometrics - Facial Recognition", http://ctl.ncsc.dni.us/biomet%20web/BMfacial.html , 2/18/04, 2 pages | |
| | | "Fingerprint Analysis - The Basics", http://www.crimtrac.gov.au/fingerprintanalysis.htm , 2/18/04, 3 pages | |
| | | "Visual Speech and Speaker Recognition", by Luettn, 06/30/2000, http://herens.idiap.ch/~luettn/luettn-thesis.bib.abs.html , 1 page | |
| | | "Automatic Ear Recognition by Force Field Transformations", by Hurley, et al., The Institution of Electrical Engineers, 2000, pp. 7/1-7/5 | |
| | | "Everything You Need to Know About Biometrics", by Bowman, Identix Croproation, January 2000, 8 pages | |
| | | "How Fingerprint Scanners Work", by Harris, http://computer.howstuffworks.com/fingerprint-scanner.htm/printable , 02/18/04, 6 pages | |
| | | "How Facial Recognition Systems Work", by Bonsor, http://computer.howstuffworks.com/facial-recognition.htm/printable , 2/18/04, 6 pages | |
| | | "Biometrics: Hand Geometry", by Ross, et al., http://biometrics.cse.msu.edu/hand_geometry.html , 2/26/04, 2 pages | |
| | | "Biometric Person Authentication: Odor", by Korotkaya, Department of Information Technology, Laboratory of Applied Mathematics, Lappeenranta University of Technology, 18 pages | |
| | | "ISO Magnetic Stripe Card Standards", http://www.cyberd.co.uk/support/technotes/ioscards.htm , 2/9/04, 4 pages | |
| | | "Smart Card Developer's Kit: Some Basic Standards for Smart Cards", http://unix.be.eu.org/docs/smart-card-developer-kit/ch03/033-035.html , 2/9/04, 2 pages | |

| | | | |
|--------------------|-------------|-----------------|---------|
| Examiner Signature | [Signature] | Date Considered | 7-21-05 |
|--------------------|-------------|-----------------|---------|

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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